

19704524
STATE IDENTIFICATION NUMBER
(If Applicable)

IL D005454566
EPA IDENTIFICATION NUMBER

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
Form B Generator Inspection*
(40 CFR Part 262)

US EPA RECORDS CENTER REGION 5



474294

I. General Information:*

(A) Installation Name: United States Steel - Joliet Works
(B) Street: 927 Collins Street
(C) City: Joliet (D) State: IL (E) Zip Code: 60432
(F) Phone: 312/933-2261 (G) County: Will
(H) Date of Inspection: 4/16/82 Time of Inspection (From) 10:30a (To) 2:20pm
(I) Weather Conditions: cloudy, raining ~55°

(J) Person(s) interviewed	Title	Telephone
<u>Phil Boroway</u>	<u>Environmental Engineer</u>	<u>312/933-2430</u>
<u>Valerie King</u>	<u>Management Associate</u>	<u>"</u>
<u>Mike Sasso</u>	<u>General Foreman</u>	<u>"</u>

(K) Inspection Participants	Agency/Title	Telephone
<u>Terry Ayers</u>	<u>EPA / EPS</u>	
<u>Chuck Gruntman</u>	<u>EPA / EPS</u>	<u>312/345-9780</u>
<u>Jeff Stofferahn</u>	<u>EPA / EPS</u>	<u>312/345-9780</u>

(L) Preparer Information

Name	Agency/Title	Telephone
<u>Jeff Stofferahn</u>	<u>EPA / EPS</u>	<u>312/345-9780</u>

*Do not use this form if Generator is also a treatment, storage, and/or disposal facility.
Complete form "A" if the Generator is also a TSD facility.

II. BRIEFLY DESCRIBE SITE ACTIVITY

Facility produces steel bars, wires, splices for railroads.
 The main hazardous waste produced is waste pickle liquor generated
 from process of cleaning iron ^{rods} ~~rods~~. This is accumulated on site in a
 storage tank, and is shipped off-site prior to 90 day limit.

III. MANIFEST REQUIREMENTS (Subpart B)

	Yes	No	NI*	Remarks
(A) Does the operator have copies of the manifest available for review?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
(B) Do the manifest forms reviewed contain the following information? (If possible, make copies of, or record information from, manifests that do not contain the critical elements)				
1. Manifest document number?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
2. Name, mailing address, telephone number, and EPA ID number of generator?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
3. Name and EPA ID Number of transporter(s)?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
4. Name, Address, and EPA ID Number of designated permitted facility and alternate facility?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>

*Not Inspected

	Yes	No	NI*	Remarks
5. The description of the waste(s) (DOT shipping name, DOT hazard class, DOT identification number)?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
6. The total quantity of waste(s) and the type and number of containers loaded?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
7. Required certification?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
8. Required signatures?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
(C) Does the owner or operator submit exception reports when needed?	<u> </u>	<u> </u>	<u> </u>	<u>N/A</u>

IV. PRE-TRANSPORT REQUIREMENTS

(A) Is waste packaged in accordance with DOT regulations? (Required prior to movement of hazardous waste off-site)	<u> </u>	<u> </u>	<u> </u>	<u>N/A</u>
(B) Are waste packages marked and labeled in accordance with DOT regulations concerning hazardous waste materials? (Required prior to movement of hazardous waste off-site)	<u> </u>	<u> </u>	<u> </u>	<u>N/A</u>
(C) If required, are placards available to transporter?	<u> </u>	<u> </u>	<u> </u>	<u>N/A</u>
(D) Pre-shipment Accumulation:				<u>N/A</u>
1. Are containers marked with start of accumulation date?	<u> </u>	<u> </u>	<u> </u>	<u>handling record indicates dates/amounts waste put into tank, & date shipped off site</u>
2. Are the containers of hazardous waste removed from installation before they can accumulate for more than 90 days?	<u> </u>	<u> </u>	<u> </u>	<u>N/A</u> <u>accumulated in tank, removed bulk</u>

*Not Inspected

Yes No NI* Remarks

3. Are wastes stored in containers managed in accordance with 40 CFR Part 265.174 and 265.176 (weekly inspections of containers, containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from facility's property line)?

N/A

4. If wastes are stored in tanks, are the tanks managed according to the following requirements:

a. Are tanks used to store only those wastes which will not cause corrosion leakage or premature failure of the tank?

X _____
tanks are rubber lined

b. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, dikes, or other containment structures?

N/A

c. Do continuous feed systems have a waste-feed cutoff?

N/A

d. Are required daily and weekly inspections done?

X _____

e. Are reactive and ignitable wastes in tanks protected from sources of reaction and ignition, or rendered non-reactive or non-ignitable? Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements)

X _____
reactive

f. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR §265.17(b) apply)

N/A

g. Has the owner or operator observed the National Fire Protection Association's buffer zone requirements for tanks containing ignitable or reactive wastes?

X _____

*Not Inspected

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Record the following information:

Tank capacity? 30,000 gallons / tank

Tank diameter? ~~10~~ NI feet

Distance of tank from property line? NI feet

(see tables 2-1 through 2-6 of NEPA's "Flammable and Combustible Liquids Code - 1977" to determine compliance)

V Training, Emergency Procedures

	YES	NO	NI*	Remarks
A. Do Personnel training records include: (Effective 5/19/81)				
1. Job Titles?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
2. Job Descriptions?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
3. Description of training?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
4. Records of training?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
5. Have facility personnel received required training by 5-19-81?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
6. Do new personnel receive required training within six months?	<u> </u>	<u> </u>	<u> </u>	<u>N/A</u>
B. Preparedness and Prevention (Part 265, Subpart C)				
1. Maintenance and Operation of Facility:	<u> </u>	<u> </u>	<u> </u>	<u> </u>
a. Is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent?	<u> </u>	<u>X</u>	<u> </u>	<u> </u>

*Not Inspected

2. If required, does this facility have the following equipment?

a. Internal communications or alarm systems?

X

phones/'beepers'/pull down fire alarm

b. Telephone or 2-way Radios at the scene of operations?

X

phone

c. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?

X

fire extinguishers, hydrants, foam, heavy machinery, absorbent, SCBA's

Indicate the volume of water and/or foam available for fire control

200 lb foam, hydrants on city water

3. Testing and Maintenance of Emergency Equipment:

a. Has the owner or operator established testing and maintenance procedures for emergency equipment?

X

some machinery operated daily, in house check of extinguishers, also check by outside firm every 6 months

b. Is emergency equipment maintained in operable condition?

X

4. Has owner/operator provided immediate access to internal alarms (if needed)?

X

5. Is there adequate aisle space for unobstructed movement?

X

C. Contingency Plan and Emergency Procedure (Part 265, Subpart D)

1. Does the contingency plan contain the following:

a. The actions facility personnel must take to comply with §265.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part as applicable)

X

b. Arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services, pursuant to §265.37?

X

c. Names, addresses, and phone numbers (Office and Home) of all persons qualified to act as emergency coordinator.

X

d. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list, and a brief outline of its capabilities?

X

e. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes and alternate evacuation routes.

X

2. Are copies of the Contingency Plan available at site and local emergency organizations?

X

X

3. Emergency Coordinator

a. Is the facility emergency Coordinator identified?

X

b. Is coordinator familiar with all aspects of site operation and emergency procedures?

X

c. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?

X

4. Emergency

If an emergency situation has occurred at this facility, has the emergency coordinator followed the emergency procedures listed in §265.56?

N/A

VI. RECORDKEEPING AND REPORTING
(Part 262, Subpart D)

(A) Are Manifests, Annual Reports, Exception Reports, and all test results and analyses retained for at least three years?

X

(B) Has the generator submitted Annual Reports and Exception Reports as required?

N/A

VII. INTERNATIONAL SHIPMENTS
(Part 262 Subpart E)

(A) Has the installation imported or exported hazardous waste?

X

(If A was answered Yes, then complete the following as applicable.)

1. Exporting Hazardous waste,
has a generator:

N/A

- a. Notified the Administrator
in writing? _____

- b. Obtained the signature of the
foreign consignee confirming
delivery of the waste(s) in the
foreign country? _____

N/A

- c. Met the Manifest requirements? _____

N/A

2. Importing Hazardous Waste,
has the generator:

Met the manifest requirements? _____

N/A

VIII. Remarks

REMARKS: At time of ~~first~~ initial submission of Part A application, site anticipated
disposing
~~generating~~ half empty containers of certain chemical products used in their
manufacturing process. This would create additional hazardous waste streams.
It is now their policy ~~not~~ to dispose of such containers but to use all
the material inside, thus eliminating any such waste streams.